AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Previously Presented) An electrooptical module, comprising:

at least two electrooptical components supported by a top surface of a carrier and operably coupled to ~~at least one~~an optical waveguide, wherein:

the optical waveguide is disposed above the top surface of the carrier;

the at least two electrooptical components each are in an optical free-beam connection with the ~~same~~ optical waveguide by means of at least one lens[[,]];

an optical axis of emergent light from each of the at least one lens intersects an end of the optical waveguide or another lens at about the same point; and

the electrooptical module comprises a WDM module.

2. (Currently Amended) The electrooptical module as claimed in claim 1, wherein at least one of the at least one lens comprises an optical squint angle, and wherein an axis of the optical waveguide is disposed substantially perpendicular to the top surface of the carrier.

3. (Currently Amended) The electrooptical module as claimed in claim 1, wherein the at least two electrooptical components are arranged symmetrically with respect to their coupling to the optical waveguide, and the lenses of the at least two electrooptical components respectively have the same optical squint angle but in substantially opposite directions.

4. (Previously Presented) The electrooptical module as claimed in claim 1, wherein the electrooptical components are arranged on a common carrier.

5. (Previously Presented) The electrooptical module as claimed in claim 4, wherein the lenses are arranged in such a way on a supporting element or a respective supporting element that is located on the carrier such that the lenses are located spatially over a portion of the respective electrooptical components.

6. (Previously Presented) The electrooptical module as claimed in claim 1, wherein the electrooptical components are respectively arranged on an individual auxiliary carrier and the individual auxiliary carriers are arranged on a common carrier.

7. (Previously Presented) The electrooptical module as claimed in claim 6 wherein the lenses are respectively arranged on a supporting element that is located on the respective auxiliary carrier in such a way that the lenses are located spatially over a portion of the respective electrooptical components assigned to them.

8. (Previously Presented) The electrooptical module as claimed in claim 1, wherein the at least two electrooptical components comprise lasers or light-emitting diodes.

9. (Previously Presented) The electrooptical module as claimed in claim 8, wherein the lasers or light-emitting diodes emit light at different wavelengths.

10. (Canceled)

11. (Previously Presented) The electrooptical module as claimed in claim 1, wherein the electrooptic components comprise four lasers or four light-emitting diodes that are assigned to the same optical waveguide, the lasers or the light-emitting diodes being arranged symmetrically with respect to the waveguide.

12. (Currently Amended) The electrooptical module as claimed in claim 11, wherein the four lasers lie on corner points of a virtual or imaginary square, and wherein the

optical waveguide is ~~located at~~substantially aligned with a center point of the imaginary square.

13. (Previously Presented) The electrooptical module as claimed in claim 1, wherein the electrooptical components comprise lasers, and wherein the lasers are arranged in a row.

14. (Currently Amended) An electrooptical module comprising:

at least two electrooptical components operably coupled to ~~at least one~~an optical waveguide, wherein:

the at least two electrooptical components each are in an optical free-beam connection with the ~~same~~ waveguide by means of at least one lens[[,]]; and

~~wherein~~ at least one of the at least two electrooptical components comprises an edge-emitting laser[,]; and

~~the electro optical module further comprising~~ a supporting element that is reflectively coated on its outer side or outer sides assigned to the laser or the lasers, the supporting element and the reflectively coated outer side or sides being arranged in such a way that they ~~direct~~reflect the light emitted by the laser or by the lasers about 90 degrees onto the respectively assigned lens.

15. (Previously Presented) The electrooptical module as claimed in claim 1, wherein the electrooptical module is accommodated in a TO package and the lenses are optically adjusted respectively with respect to a window cap of the TO package.

16. (Previously Presented) The electrooptical module as claimed in claim 1, wherein the electrooptical module is mounted on a ceramic substrate or a flexible printed circuit board.

17. (Previously Presented) The electrooptical module as claimed in claim 16, wherein the flexible printed circuit board is adhesively attached on a printed circuit board carrier.

18. (Previously Presented) The electrooptical module as claimed in claim 17, wherein the printed circuit board carrier comprises a metal.

19. (Previously Presented) The electrooptical module as claimed in claim 16, wherein the electrooptical module is connected by bonding wires to the flexible printed circuit board.

20. (Previously Presented) The electrooptical module as claimed in claim 1, wherein the electrooptical module comprises at least one optical plug-in device for the connection to the at least one optical waveguide

21. (Previously Presented) The electrooptical module as claimed in claim 1, wherein the at least one optical waveguide is led through a covering cap, with which the electrooptical module is hermetically sealed.

22. (Previously Presented) The electrooptical module as claimed in claim 21, wherein the covering cap and the electrooptical module are designed such that an optical adjustment between the optical waveguide and the lenses take place by an adjustment of the covering cap in relation to the lenses.

23. (Previously Presented) The electrooptical module as claimed in claim 1, wherein an additional lens is arranged directly on the at least one optical waveguide and is used to couple the light of the electrooptical components into the optical waveguide.

24. (Previously Presented) The electrooptical module as claimed in claim 1, wherein the at least one optical waveguide has an oblique end face into which the light of the electrooptical components is coupled.

25. (Previously Presented) The electrooptical module as claimed in claim 1, wherein the at least one optical waveguide comprises an end face which is arranged perpendicular to a direction of propagation of the light and is in an optical free-beam connection with the lenses.

26. (Currently Amended) The electrooptical module as claimed in claim 1, further comprising an adjusting ring, a center point of which ~~lies on~~is aligned with an axis of the optical waveguide.

27. (Previously Presented) An electrooptical module, comprising:

at least two lasers or light emitting diodes operably coupled to an optical waveguide, wherein:

the at least two lasers or light emitting diodes each are in an optical free-beam connection with the waveguide by means of at least one lens, wherein an optical axis of emergent light from each of the at least one lens directly intersects an end of the optical waveguide or another lens at about the same point,

~~the electrooptical module further comprising~~ a supporting element configured to reflect the light emitted by at least one of the at least one lasers or light emitting diodes onto at least one of the at least one lens that is configured to couple the light emitted by the at least one laser or light emitting diode with the waveguide.

28. (Previously Presented) The electrooptical module as claimed in claim 27, wherein each of the at least two lasers or light emitting diodes emit light at a different wavelength.

29. (New) The electrooptical module as claimed in claim 1, wherein the at least two electrooptical components include a VCSEL and/or an edge emitting laser.